

WEST Search History

DATE: Thursday, December 19, 2002

Set Name Query

side by side

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

L10	L9 and shh
L9	L8 and BMP-4
L8	L7 and l1
L7	((435/325 435/363 435/366 435/377 435/374 435/383)!.CCLS.)
L6	L5 and l1
L5	nishikawa-s\$.in.
L4	L3 and l1
L3	sasai-y\$.in.
L2	L1 and BMP-4 and (sonic near1 hedgehog)
L1	embryonic with stem

Hit Count Set Name

result set

8	L10
153	L9
1639	L8
8752	L7
2	L6
2718	L5
2	L4
259	L3
22	L2
4463	L1

END OF SEARCH HISTORY

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001068815	A1	20010920	WO 2001-AU278	20010314
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1263932	A1	20021211	EP 2001-911277	20010314
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			

PRIORITY APPLN. INFO.:

AU 2000-6211	A	20000314
AU 2000-1279	A	20001106
AU 2001-2920	A	20010206
WO 2001-AU278	W	20010314

AB The present invention relates to undifferentiated human **embryonic stem** cells, methods of cultivation and propagation and production of **differentiated** cells. In particular it relates to the production of human ES cells capable of yielding somatic **differentiated** cells in vitro, as well as committed progenitor cells such as neural progenitor cells capable of giving rise to mature somatic cells including neural cells and/or glial cells and uses thereof. In one aspect of the present invention, there is provided an enriched preparation of undifferentiated human **embryonic stem** cells capable of proliferation in vitro and **differentiation** to neural progenitor cells, neuron cells and/or glial cells. This invention provides a method that generates an in vitro and in vivo model of controlled **differentiation** of ES cells towards the neural lineage. The model, and the cells that are generated along the pathway of neural **differentiation** may be used for the study of the cellular and mol. biol. of human neural development, for the discovery of genes, growth factors, and **differentiation** factors that play a role in neural **differentiation** and regeneration, for drug discovery and for the development of screening assays for teratogenic, toxic and neuroprotective

(FILE 'HOME' ENTERED AT 10:50:10 ON 19 DEC 2002)

FILE 'CAPLUS, MEDLINE, EMBASE, BIOSIS, LIFESCI' ENTERED AT 10:53:59 ON 19 DEC 2002

L1	2292 S BMP-4
L2	4296 S (SONIC WITH HEDGEHOG)
L3	125 S L1 AND L2
L4	15258 S EMBRYONIC WITH STEM
L5	0 S L3 AND L4
L6	1352 S NEURAL AND L4
L7	36 S NEURAL AND L3
L8	11 DUP REM L7 (25 DUPLICATES REMOVED)
L9	49822 S MITOMYCIN WITH C
L10	63 S L9 AND L4
L11	19 S L10 AND DIFFERENTIAT?
L12	10 DUP REM L11 (9 DUPLICATES REMOVED)